Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1617785	filter$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 18:29
L2	1797402	content$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 18:29
L3	1856865	agent$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 18:29
L4	2037921	respon$8	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 18:30
L5	10	("5068789", "5099425", "5101349", "5251131", "5321608", "5371807", "5687384", "5761631", "5765033", "5878385").pn.	USPAT	OR	ON	2005/01/07 18:33
L6	12	US-5948058-$.DID. OR US-5999932-$.DID. OR US-6070149-$.DID. OR US-6138139-$.DID. OR US-6161130-$.DID. OR US-6199103-$.DID. OR US-6226630-$.DID. OR US-6377949-$.DID. OR US-6424997-$.DID. OR US-6460074-$.DID. OR US-6493694-$.DID. OR US-6496853-$.DID.	USPAT	OR	ON	2005/01/07 18:33
L7	22	L5 xor L6 L5 and L6	USPAT	OR	ON	2005/01/07 18:33
L8	7	1 and L7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 18:47
L9	19	2 and L7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 18:46

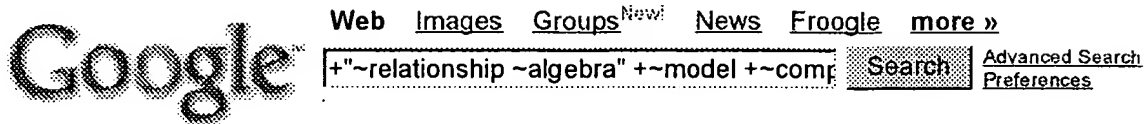|						
L10	372018	2 and 1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 18:47
L11	97213	2 same 1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 18:36
L12	9427	2 adj3 1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 18:36
L13	5	10 and L7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 18:38
L14	3	11 and L7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 18:38
L15	1	12 and L7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 18:38
L16	7	3 and L7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 18:45
L18	19	4 and L7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 18:46
L19	75070	4 and 3 and 2 and 1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 19:07
L20	1	19 and L7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 18:58

L21	1609	4 and 3 and 12	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 19:00
L22	0	21 and L7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 19:00
L24	4456	3 and 12	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 18:59
L25	0	24 and L7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 19:00
L26	3480	4 and 12	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 19:10
L27	1	26 and L7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 19:07
L28	10	("5068789", "5099425", "5101349", "5251131", "5321608", "5371807", "5687384", "5761631", "5765033", "5878385").pn.	USPAT	OR	ON	2005/01/07 19:06
L29	12	US-5948058-$.DID. OR US-5999932-$.DID. OR US-6070149-$.DID. OR US-6138139-$.DID. OR US-6161130-$.DID. OR US-6199103-$.DID. OR US-6226630-$.DID. OR US-6377949-$.DID. OR US-6424997-$.DID. OR US-6460074-$.DID. OR US-6493694-$.DID. OR US-6496853-$.DID.	USPAT	OR	ON	2005/01/07 19:06
L30	22	L28 xor L29 L28 and L29	USPAT	OR	ON	2005/01/07 19:06

| L35 | 664 | ("20020013692" \| "4290141" \| "4320256" \| "4345315" \| "4355207" \| "4355372" \| "4439636" \| "4451700" \| "4489438" \| "4502128" \| "4517410" \| "4521643" \| "4523055" \| "4528643" \| "4539435" \| "4559415" \| "4566030" \| "4566078" \| "4577062" \| "4577067" \| "4578700" \| "4580012" \| "4584602" \| "4587379" \| "4598367" \| "4603232" \| "4611094" \| "4625276" \| "4630200" \| "4630201" \| "4634809" \| "4641264" \| "4649563" \| "4654482" \| "4667287" \| "4674044" \| "4674065" \| "4682365" \| "4696029" \| "4697282" \| "4706212" \| "4713775" \| "4754409" \| "4754489" \| "4756020" \| "4757267" \| "4763191" \| "4785408" \| "4788715" \| "4812843" \| "4814973" \| "4823306" \| "4829423" \| "4833610" \| "4833611" \| "4849898" \| "4862408" \| "4864501" \| "4864503" \| "4866756" \| "4868750" \| "4876731" \| "4887212" \| "4893328" \| "4896345" \| "4908850" \| "4914586" \| "4914590" \| "4931935" \| "4931936" \| "4942526" \| "4953204" \| "4972461" \| "4974191" \| "4984178" \| "4992940" \| "4994966" \| "5001710" \| "5017917" \| "5036535" \| "5050218" \| "5051891" \| "5056021" \| "5083268" \| "5091950" \| "5109509" \| "5128865" \| "5136503" \| "5146406" \| "5157606" \| "5164983" \| "5197005" \| "5200893" \| "5222187" \| "5225981" \| "5245532" \| "5247575" \| "5247661" \| "5251131" \| "5256863" \| "5261096" \| "5276869" \| "5278977" \| "5279869" \| "5280625" \| "5283856" \| "5283887" \| "5285386" \| "5287429" \| "5297039" \| "5297040" \| "5311429" \| "5321606" \| "5321607" \| | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/07 19:06 |

"5333266" \|
"5343477" \| "5355493" \|
"5363090" \| "5369570" \|

L36	664	L35	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 19:06
L37	673	L30 xor L36 L30 and L36	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 19:06
L38	9	26 and L37	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 19:06
L39	8	38 and 3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 19:07
L40	273124	4 and 3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 19:08
L41	82360	4 same 3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 19:08
L42	48393	4 with 3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 19:08
L43	1609	40 and 12	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 19:10
L44	435	41 and 12	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 19:11
L45	255	42 and 12	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 19:12

L46	6	41 same 12	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 19:12
L47	2	42 with 12	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 19:12
L48	8	43 and 37	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 19:13
L49	0	46 and 37	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 19:13
L50	4	48 and @ad<="20000113"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 19:14

Google™   **Web** Images Groups^{New!} News Froogle **more »**

[+"~relationship ~algebra" +~model +~comp] [Search] Advanced Search
Preferences

Web Results **1** - **10** of about **51** for +"~<u>relationship</u> ~<u>algebra</u>" +~<u>model</u> +~<u>compare</u> +~<u>statistical</u>. (0.36 seco

Towards a semantic view of an extended entity-relationship model
... PARENT, C., AND SPACCAPIETRA, S. An entity-**relationship algebra**. ... selected well-known
semantic **data models**, especially SDM ... into the powerful **model** and language ...
portal.acm.org/ citation.cfm?id=111200&jmp=review&coll=GUIDE&dl=ACM&CFID=11111111&CFTO... -
Supplemental Result - <u>Similar pages</u>

Towards a semantic view of an extended entity-relationship model
... Stefano Spaccapietra, An Entity-**Relationship Algebra**, Proceedings of the ... well-known
semantic **data models**, especially SDM ... into the powerful **model** and language in ...
portal.acm.org/citation.cfm?id=111200 - <u>Similar pages</u>
[<u>More results from portal.acm.org</u>]

View Integration : A Step Forward in Solving Structural Conflicts ...
... Objects and Object-Oriented **Data Models** - Parent, SPACCAPIETRA ... 1991 4 An
Entity-**Relationship Algebra** (context) - Parent ... Diet, Lochovsky - 1989 2 A **Model** and ...
citeseer.ist.psu.edu/spaccapietra92view.html - 23k - Supplemental Result - <u>Cached</u> - <u>Similar pages</u>

FEMUS: a FEderated MUltilingual database System - Andersson ...
... 1991 4 An entity-**relationship algebra** (context) - Parent ... 2 complex objects and
object-oriented **data models** (context) - Parent ... Scholl - 1983 1 a **model** compiler: ...
citeseer.ist.psu.edu/andersson93femus.html - 24k - <u>Cached</u> - <u>Similar pages</u>
[<u>More results from citeseer.ist.psu.edu</u>]

[PDF] Chicago Public School Mathematics Standards correlated to Larson ...
File Format: PDF/Adobe Acrobat - <u>View as HTML</u>
... **Algebra** Solving Addition and Subtraction Equations 6 ... CAS D. **Model** relationships between
quantities using ... Make generalizations about geometric **models** and space ...
www.meridiancg.com/menucontent/ menu_correlations/pdf_files/ch_i2_5.pdf - <u>Similar pages</u>

[PDF] Pennsylvania Academic Standards for Mathematics correlated to ...
File Format: PDF/Adobe Acrobat - <u>View as HTML</u>
... **Compare** and contrast results from observations and **mathematical models**. ... Use concrete
objects to **model** algebraic concepts ... **Algebra** & Expressions Functions 1, 2, 3 ...
www.meridiancg.com/menucontent/ menu_correlations/pdf_files/pa_m_8.pdf - <u>Similar pages</u>
[<u>More results from www.meridiancg.com</u>]

[PDF] Curriculum Grade Book
File Format: PDF/Adobe Acrobat - <u>View as HTML</u>
... Number/Operations: Integers/**Models** Number/Operations ... Variable Algebra: Equations/
Model Algebra: Linear ... Algebra: Scatterplot/**Relationship Algebra**: Variable/Change ...
208.183.128.3/curr/checklist/blueprint-7-math.pdf - <u>Similar pages</u>

IEEE Trans. Knowl. Data Eng. 6(2): 258-274(1994)
... Shamkant B. Navathe: A **Comparative** Analysis of ... 20] Christine Parent, Stefano
Spaccapietra: An Entity-**Relationship Algebra**. ... with an Object-Based ER M del. ...
www.informatik.uni-trier.de/ ~ley/db/journals/tkde/SpaccapietraP94.html - 25k - <u>Cached</u> - <u>Similar pages</u>

ACM Trans. Database Syst. 16(3): 369-416(1991)
... Parent, Stefano Spaccapietra: An Entity-**Relationship Algebra**. ... Scholl: The relational

model with relation ... Wagner: **Comparis** n-Criteria for Semantic **Data M dels**. ...
www.informatik.uni-trier.de/ ~ley/db/journals/tods/GogoliaH91.html - 30k - Cached - Similar pages
[More results from www.informatik.uni-trier.de]

1. ICDE 1984
... Winfried Lamersdorf: Recursive **Data M dels** for Non ... Attiya: Towards a **Data Model** for
Artificial ... Parent, Stefano Spaccapietra: An Entity-**Relationship Algebra**. ...
www.sigmod.org/sigmod/dblp/db/conf/icde/icde84.html - 38k - Cached - Similar pages

Gooooogle ▶

Result Page: 1   2   3   4   5   **Next**

Free! Google Desktop Search: Search your own computer.

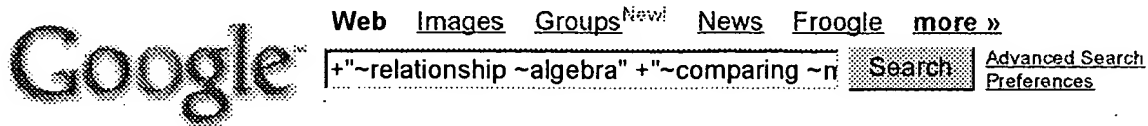   +"~relationship ~algebra" +~mod   Search

Search within results | Language Tools | Search Tips | Dissatisfied? Help us improve

Google Home - Advertising Programs - Business Solutions - About Google

©2005 Google

Google™   **Web**   Images   Groups^New   News   Froogle   **more »**

+"~relationship ~algebra" +~model +~comp | Search | Advanced Search
Preferences
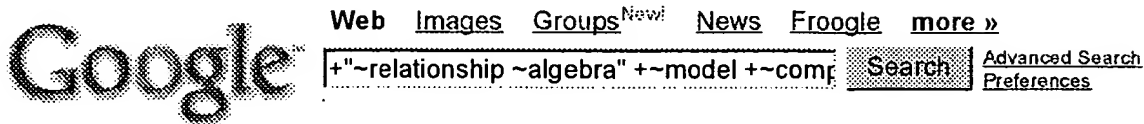
Web   Results **1 - 10** of about **52** for +"~**relationship** ~**algebra**" +~**model** +~**compare**. (0.22 seconds)

Towards a semantic view of an extended entity-relationship **model**
... PARENT, C., AND SPACCAPIETRA, S. An entity-**relationship algebra**. ... well-known semantic
data **models**, especially SDM ... integrated into the powerful **model** and language ...
portal.acm.org/ citation.cfm?id=111200&jmp=review&coll=GUIDE&dl=ACM&CFID=11111111&CFTO... -
Supplemental Result - Similar pages

> Towards a semantic view of an extended entity-relationship **model**
> ... Stefano Spaccapietra, An Entity-**Relationship Algebra**, Proceedings of the ... well-known
> semantic data **models**, especially SDM ... into the powerful **model** and language in ...
> portal.acm.org/citation.cfm?id=111200 - Similar pages
> [More results from portal.acm.org]

View Integration : A Step Forward in Solving Structural Conflicts ...
... Objects and Object-Oriented Data **Models** - Parent, SPACCAPIETRA ... 1991 4 An
Entity-**Relationship Algebra** (context) - Parent ... Diet, Lochovsky - 1989 2 A **Model** and ...
citeseer.ist.psu.edu/spaccapietra92view.html - 23k - Supplemental Result - Cached - Similar pages

> FEMUS: a FEderated MUltilingual database System - Andersson ...
> ... 1991 4 An entity-**relationship algebra** (context) - Parent ... objects and object-oriented
> data **models** (context) - Parent ... Schek, Scholl - 1983 1 a **model** compiler: A ...
> citeseer.ist.psu.edu/andersson93femus.html - 24k - Cached - Similar pages
> [More results from citeseer.ist.psu.edu]

[PDF] Philadelphia Public School Mathematic Standards
File Format: PDF/Adobe Acrobat - View as HTML
... **Algebra** Evaluating Expressions 6 ... words, numbers, symbols, pictures, charts, graphs,
tables, diagrams, and **models**. ... the Commander Problems such as, **Model** It and ...
www.meridiancg.com/menucontent/ menu_correlations/pdf_files/ph_i2_k4.pdf - Similar pages

> [PDF] Chicago Public School Mathematics Standards correlated to Larson ...
> File Format: PDF/Adobe Acrobat - View as HTML
> ... 6 Create drawings or **models** which reflect given ... **Algebra** Solving Addition and Subtraction
> Equations 6 ... CAS D. **Model** relationships between quantities using tables ...
> www.meridiancg.com/menucontent/ menu_correlations/pdf_files/ch_i2_5.pdf - Similar pages
> [More results from www.meridiancg.com]

[PDF] Curriculum Grade Book
File Format: PDF/Adobe Acrobat - View as HTML
... Number/Operations: Integers/**Models** Number/Operations ... Variable Algebra: Equations/
Model Algebra: Linear ... Algebra: Scatterplot/**Relationship Algebra**: Variable/Change ...
208.153.128.3/curr/checklist/blueprint-7-math.pdf - Similar pages

ACM Trans. Database Syst. 16(3): 369-416(1991)
... [45] Christine Parent, Stefano Spaccapietra: An Entity-R lati nship **Algebra**. ... Martin
Gogolla: Transforming Conceptual Data **Models** into an Object **Model**. ...
www.informatik.uni-trier.de/ ~ley/db/journals/tods/GogollaH91.html - 30k - Cached - Similar pages

> IEEE Trans. Knowl. Data Eng. 6(2): 258-274(1994)
> ... Shamkant B. Navathe: A **Comparative** Analysis of ... Christine Parent, Stefano Spaccapietra:

An Entity-**Relationship Algebra**. ... for a General Entity-Relation1hip **Model**. ...
www.informatik.uni-trier.de/ ~ley/db/journals/tkde/SpaccapietraP94.html - 25k -
Cached - Similar pages
[More results from www.informatik.uni-trier.de]

[PDF] **Algebra** Online South Carolina State Learning Standards 7 Grade
File Format: PDF/Adobe Acrobat - View as HTML
... **Algebra** Online Using the TI-83 Plus ... goodness of fit," and make predictions using
the **model**. ... equations and inequalities using concrete **models**, graphs, and the ...
education.ti.com/downloads/pdf/us/sccorrelations.pdf - Similar pages

Gooooogle ▶

Result Page: 1 **2 3 4 5**   **Next**

Free! Get the Google Toolbar. Download Now - About Toolbar

| Google ▾ | | Search Web ▾ | | PageRank | 3 blocked | AutoFill | Options |

+"~relationship ~algebra" +~mod   Search

Search within results | Language Tools | Search Tips | Dissatisfied? Help us improve

Google Home - Advertising Programs - Business Solutions - About Google

©2005 Google

Web   Images   Groups^New!   News   Froogle   **more »**

Google | +"~relationship ~algebra" +"~comparing ~n | Search | Advanced Search
Preferences

Web

Tip: Try removing quotes from your search to get more results.

Your search - **+"~relationship ~algebra" +"~comparing ~models"** - did not match any documents.

Suggestions:

- Make sure all words are spelled correctly.
- Try different keywords.
- Try more general keywords.
- Try fewer keywords.

Also, you can try Google Answers for expert help with your search.

Google Home - Advertising Programs - Business Solutions - About Google

©2005 Google

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S338	3060124	compar$7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 13:46
S339	645290	models	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 13:46
S340	2882	relat$8 adj3 (algebra$2 math$8)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 13:46
S341	1030	709/206.ccls.	USPAT	OR	ON	2005/01/07 13:46
S342	616	704/9.ccls.	USPAT	OR	ON	2005/01/07 13:46
S343	243	382/159.ccls.	USPAT	OR	ON	2005/01/07 13:46
S344	299	706/47.ccls.	USPAT	OR	ON	2005/01/07 13:46
S345	3380	707/10.ccls.	USPAT	OR	ON	2005/01/07 13:46
S346	2855	707/3.ccls.	USPAT	OR	ON	2005/01/07 13:46
S347	756	709/202.ccls.	USPAT	OR	ON	2005/01/07 13:46
S348	1019	705/26.ccls.	USPAT	OR	ON	2005/01/07 13:46
S349	210	706/50.ccls.	USPAT	OR	ON	2005/01/07 13:46
S350	1644	S341 xor S342 S341 and S342	USPAT	OR	ON	2005/01/07 13:46
S351	1885	S350 xor S343 S350 and S343	USPAT	OR	ON	2005/01/07 13:46
S352	2171	S351 xor S344 S351 and S344	USPAT	OR	ON	2005/01/07 13:46
S353	5434	S352 xor S345 S352 and S345	USPAT	OR	ON	2005/01/07 13:46
S354	7509	S353 xor S346 S353 and S346	USPAT	OR	ON	2005/01/07 13:46
S355	8065	S354 xor S347 S354 and S347	USPAT	OR	ON	2005/01/07 13:46

S356	8954	S355 xor S348 S355 and S348	USPAT	OR	ON	2005/01/07 13:46
S357	9098	S356 xor S349 S356 and S349	USPAT	OR	ON	2005/01/07 13:46
S358	89	S340 and S357	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 13:46
S359	682151	model$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 13:46
S360	149355	statistic$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 13:46
S361	67314	S359 and S360	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 13:46
S362	16553	S359 same S360	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 13:46
S363	34	S358 and S361	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 13:46
S364	9	S358 and S362	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 13:46
S365	25	S363 not S364	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 13:46
S366	16	S365 and @ad<="20000113"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 13:46

S36 7	15	S366 and S338	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 13:47
S36 8	15	S366 and S339	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 13:48
S36 9	381172	S338 and S339	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 13:48
S37 0	14	S366 and S369	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 13:48
S37 1	78104	S338 same S339	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 13:49
S37 2	4	S366 and S371	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 13:49
S37 3	35960	S338 with S339	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 13:49
S37 4	2	S366 and S373	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 13:49

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2882	relat$8 adj3 (algebra$2 math$8)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 11:55
L2	10	("5068789", "5099425", "5101349", "5251131", "5321608", "5371807", "5687384", "5761631", "5765033", "5878385").pn.	USPAT	OR	ON	2005/01/07 11:55
L3	12	US-5948058-$.DID. OR US-5999932-$.DID. OR US-6070149-$.DID. OR US-6138139-$.DID. OR US-6161130-$.DID. OR US-6199103-$.DID. OR US-6226630-$.DID. OR US-6377949-$.DID. OR US-6424997-$.DID. OR US-6460074-$.DID. OR US-6493694-$.DID. OR US-6496853-$.DID.	USPAT	OR	ON	2005/01/07 11:55
L4	22	L2 xor L3 L2 and L3	USPAT	OR	ON	2005/01/07 11:55
L5	0	1 and L4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 11:59

| L10 | 664 | ("20020013692" \| "4290141" \| "4320256" \| "4345315" \| "4355207" \| "4355372" \| "4439636" \| "4451700" \| "4489438" \| "4502128" \| "4517410" \| "4521643" \| "4523055" \| "4528643" \| "4539435" \| "4559415" \| "4566030" \| "4566078" \| "4577062" \| "4577067" \| "4578700" \| "4580012" \| "4584602" \| "4587379" \| "4598367" \| "4603232" \| "4611094" \| "4625276" \| "4630200" \| "4630201" \| "4634809" \| "4641264" \| "4649563" \| "4654482" \| "4667287" \| "4674044" \| "4674065" \| "4682365" \| "4696029" \| "4697282" \| "4706212" \| "4713775" \| "4754409" \| "4754489" \| "4756020" \| "4757267" \| "4763191" \| "4785408" \| "4788715" \| "4812843" \| "4814973" \| "4823306" \| "4829423" \| "4833610" \| "4833611" \| "4849898" \| "4862408" \| "4864501" \| "4864503" \| "4866756" \| "4868750" \| "4876731" \| "4887212" \| "4893328" \| "4896345" \| "4908850" \| "4914586" \| "4914590" \| "4931935" \| "4931936" \| "4942526" \| "4953204" \| "4972461" \| "4974191" \| "4984178" \| "4992940" \| "4994966" \| "5001710" \| "5017917" \| "5036535" \| "5050218" \| "5051891" \| "5056021" \| "5083268" \| "5091950" \| "5109509" \| "5128865" \| "5136503" \| "5146406" \| "5157606" \| "5164983" \| "5197005" \| "5200893" \| "5222187" \| "5225981" \| "5245532" \| "5247575" \| "5247661" \| "5251131" \| "5256863" \| "5261096" \| "5276869" \| "5278977" \| "5279869" \| "5280625" \| "5283856" \| "5283887" \| "5285386" \| "5287429" \| "5297039" \| "5297040" \| "5311429" \| "5321606" \| "5321607" | US-PGPUB; USPAT; USOCR | OR | ON | 2005/01/07 11:56 |

"5333232" | "5333266" | "5343477" | "5355493" | "5363090" | "5369570" |

L11	664	L10	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 11:58
L12	673	4 xor 11 4 and 11	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 11:58
L13	0	1 and L12	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 11:59
L14	1030	709/206.ccls.	USPAT	OR	ON	2005/01/07 11:59
L15	616	704/9.ccls.	USPAT	OR	ON	2005/01/07 11:59
L16	243	382/159.ccls.	USPAT	OR	ON	2005/01/07 11:59
L17	299	706/47.ccls.	USPAT	OR	ON	2005/01/07 11:59
L18	3380	707/10.ccls.	USPAT	OR	ON	2005/01/07 11:59
L19	2855	707/3.ccls.	USPAT	OR	ON	2005/01/07 11:59
L20	756	709/202.ccls.	USPAT	OR	ON	2005/01/07 11:59
L21	1019	705/26.ccls.	USPAT	OR	ON	2005/01/07 11:59
L22	210	706/50.ccls.	USPAT	OR	ON	2005/01/07 11:59
L23	1644	L14 xor L15 L14 and L15	USPAT	OR	ON	2005/01/07 11:59
L24	1885	L23 xor L16 L23 and L16	USPAT	OR	ON	2005/01/07 11:59
L25	2171	L24 xor L17 L24 and L17	USPAT	OR	ON	2005/01/07 11:59
L26	5434	L25 xor L18 L25 and L18	USPAT	OR	ON	2005/01/07 11:59
L27	7509	L26 xor L19 L26 and L19	USPAT	OR	ON	2005/01/07 11:59
L28	8065	L27 xor L20 L27 and L20	USPAT	OR	ON	2005/01/07 11:59
L29	8954	L28 xor L21 L28 and L21	USPAT	OR	ON	2005/01/07 11:59
L30	9098	L29 xor L22 L29 and L22	USPAT	OR	ON	2005/01/07 11:59
L31	89	1 and L30	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 12:03
L32	682151	model$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 12:03

L33	149355	statistic$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 12:05
L34	62	31 and 32	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 12:06
L35	46	31 and 33	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 12:07
L36	67314	32 and 33	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 12:06
L37	16553	32 same 33	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 12:07
L38	34	31 and 36	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 12:07
L39	9	31 and 37	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 12:07
L40	10454	32 with 33	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 12:07
L41	7	31 and 40	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 12:07
L42	6	41 and @ad<="20000113"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 12:22

L43	2	39 not 41	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 12:22
L44	0	43 and @ad<="20000113"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 12:23
L45	25	38 not 39	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 12:23
L46	16	45 and @ad<="20000113"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/01/07 12:23

Google Web Images Groups^{New!} News Froogle more »

"~relationship ~algebra" ~model   Search Advanced Search
                                                 Preferences

Web   Results 1 - 10 of about 65 for "~relationship ~algebra" ~model. (0.62 seconds)

Towards a semantic view of an extended entity-relationship model
... PARENT, C., AND SPACCAPIETRA, S. An entity-**relationship
algebra**. ... MH Scholl, The relational **model** with relation ... RR
Comparison criteria for semantic data models. ...
portal.acm.org/ citation.cfm?
id=111200&jmp=review&coll=GUIDE&dl=ACM&CFID=11111111&CFTO...
- Supplemental Result - Similar pages

Towards a semantic view of an extended entity-relationship model
... Stefano Spaccapietra, An Entity-**Relationship Algebra**,
Proceedings of the ... MH Scholl, The relational **model** with
relation ... for Semantic Data Models, Proceedings of ...
portal.acm.org/citation.cfm?id=111200 - Similar pages
[More results from portal.acm.org]

ER 1986: 197-216
... A. Overbeek: A DML for Entity-Relationship Models. ... An Approach to Multi-**Model**
Database Systems. ... Parent, Stefano Spaccapietra: An Entity-**Relationship Algebra**. ...
www.informatik.uni-trier.de/ ~ley/db/conf/er/SubietaM86.html - 21k - Cached - Similar pages

ICDE 1984: 37-40
... Query Language for the Entity-Relationship **Model**. ... Overbeek: A DML for Entity-
Relationship Models. ... Parent, Stefano Spaccapietra: An Entity-**Relationship Algebra**. ...
www.informatik.uni-trier.de/ ~ley/db/conf/icde/Chen84.html - 19k - Jan 5, 2005 -
Cached - Similar pages
[More results from www.informatik.uni-trier.de]

ICDE 1984: 500-507
... title = {An Entity-**Relationship Algebra**}, booktitle = {Proceedings ... **Model** for
Implementing Multi-**Model** Database Systems ... Framework for Entity-Relationship Models.
...
www.sigmod.org/sigmod/dblp/db/conf/icde/ParentS84.html - 22k - Cached - Similar pages

View Integration : A Step Forward in Solving Structural Conflicts ...
... Objects and Object-Oriented Data Models - Parent, SPACCAPIETRA ... 1991 4 An
Entity-**Relationship Algebra** (context) - Parent ... Diet, Lochovsky - 1989 2 A **Model** and ...
citeseer.ist.psu.edu/spaccapietra92view.html - 23k - Supplemental Result -
Cached - Similar pages

Database Management Systems I
... database systems architecture, entity-relationship **model**, the **relationship algebra**,
SQL, normalization ... Data **Modeling** Using the Entity-Relationship **Model**. ...
www.towson.edu/~shong/teaching/ cosc578/syl_COSC_578_04s.htm - 49k -
Cached - Similar pages

Organizational Database Management
... Topics include database systems architecture, entity-relationship **m del**, the
relationship algebra, SQL, normalization, and security. Required Software. ...

www.towson.edu/~shong/teaching/ cis458/syl_CIS_458_04f_001.htm - 81k -
Cached - Similar pages
[More results from www.towson.edu]

[PDF] Curriculum Grade Book
File Format: PDF/Adobe Acrobat - View as HTML
... Number/Operations: Integers/Models Number/Operations ... Variable Algebra: Equations/
M del Algebra: Linear ... Algebra: Scatterplot/**Relationship Algebra**: Variable/Change ...
208.183.128.3/curr/checklist/blueprint-7-math.pdf - Similar pages

[PDF] Pennsylvania Academic Standards for Mathematics correlated to ...
File Format: PDF/Adobe Acrobat - View as HTML
... results from observations and mathematical models. ... uses concrete objects to **model**
algebraic concepts. ... **Algebra** and Expressions Simplifying Algebraic Expressions ...
www.meridiancg.com/menucontent/ menu_correlations/pdf_files/pa_a1wr_g8.pdf -
Similar pages

Goooooogle ▶
Result Page: 1 2 3 4 5 6   **Next**

Free! Get the Google Toolbar. Download Now - About Toolbar

| Google ▾ | | Search Web ▾ | PageRank | 3 blocked | AutoFill | Options |

"~relationship ~algebra" ~model   Search

Search within results | Language Tools | Search Tips | Dissatisfied? Help us improve

Google Home - Advertising Programs - Business Solutions - About Google

©2005 Google

PORTAL

Subscribe (Full Service)   Register (Limited Service, Free)   Login

Search: ◉ The ACM Digital Library   ○ The Guide

+"~relationship ~algebra" +~model

THE ACM DIGITAL LIBRARY

🎯 Feedback Report a problem Satisfaction survey

Terms used **~relationship ~algebra ~model**   Found **2** of **148,162**

Sort results by   [relevance ▼]   ❖ Save results to a Binder   Try an Advanced Search
Display results   [expanded form ▼]   ❓ Search Tips   Try this search in The ACM Guide
                                          ☐ Open results in a new window

Results 1 - 2 of 2

Relevance scale ☐ ☐ ☐ ☐ ☐

1 An algebraic language for graphical query formulation using an extended entity-relationship model
Bogdan Czejdo, Ramez Elmasri, Marek Rusinkiewicz, David W. Embley
February 1987 **Proceedings of the 15th annual conference on Computer Science**

Full text available: 📄 pdf(847.36 KB)   Additional Information: full citation, abstract, references, citings, index terms

The Entity-Category-Relationship (ECR) model extends the Entity-Relationship (ER) model with the concepts of subclass and generalization categories. In this paper a graphical representation of the ECR model and its application as the basis for an interactive query language are discussed. The proposed query language is based on algebraic operators that can be used to transform an ECR diagram so that it represents a desired query. Semantics of the algebraic operators are formally defined. A m ...

2 Towards a semantic view of an extended entity-relationship model
Martin Gogolla, Uwe Hohenstein
September 1991 **ACM Transactions on Database Systems (TODS)**, Volume 16 Issue 3

Full text available: 📄 pdf(3.09 MB)   Additional Information: full citation, abstract, references, citings, index terms, review

Nearly all query languages discussed recently for the Entity-Relationship (ER) model do not possess a formal semantics. Languages are often defined by means of examples only. The reason for this phenomenon is the essential gap between features of query languages and theoretical foundations like algebras and calculi. Known languages offer arithmetic capabilities and allow for aggregates, but algebras and calculi defined for ER models do not. This paper introduces an extended ER m ...

Keywords: abstract data type, aggregate function, calculus, entity-relationship model, formal semantics, relational completeness, safeness, semantic data model

Results 1 - 2 of 2

PORTAL

US Patent & Trademark Office

Search:　⊙ The ACM Digital Library　○ The Guide

+"~relationship ~algebra" +~statistical

Nothing Found

Your search for **+"~relationship ~algebra" +~statistical** did not return any results.

You may want to try an Advanced Search for additional options.

Please review the Quick Tips below or for more information see the Search Tips.

Quick Tips

- Enter your search terms in lower case with a space between the terms.

  ```
  sales offices
  ```

  You can also enter a full question or concept in plain language.

  ```
  Where are the sales offices?
  ```

- Capitalize proper nouns to search for specific people, places, or products.

  ```
  John Colter, Netscape Navigator
  ```

- Enclose a phrase in double quotes to search for that exact phrase.

  ```
  "museum of natural history" "museum of modern art"
  ```

- Narrow your searches by using a **+** if a search term must appear on a page.

  ```
  museum +art
  ```

- Exclude pages by using a **-** if a search term must not appear on a page.

  ```
  museum -Paris
  ```

Combine these techniques to create a specific search query. The better your description of the information you want, the more relevant your results will be.

```
museum +"natural history" dinosaur -Chicago
```

Useful downloads: Adobe Acrobat   QuickTime   Windows Media Player   Real Player

PORTAL

US Patent & Trademark Office

Search: ◉ The ACM Digital Library   ○ The Guide

+"~relationship ~algebra" +~statistic +~model

Nothing Found

Your search for **+"~relationship ~algebra" +~statistic +~model** did not return any results.

You may want to try an Advanced Search for additional options.

Please review the Quick Tips below or for more information see the Search Tips.

Quick Tips

- Enter your search terms in lower case with a space between the terms.

      sales offices

  You can also enter a full question or concept in plain language.

      Where are the sales offices?

- Capitalize proper nouns to search for specific people, places, or products.

      John Colter, Netscape Navigator

- Enclose a phrase in double quotes to search for that exact phrase.

      "museum of natural history" "museum of modern art"

- Narrow your searches by using a + if a search term must appear on a page.

      museum +art

- Exclude pages by using a - if a search term must not appear on a page.

      museum -Paris

Combine these techniques to create a specific search query. The better your description of the information you want, the more relevant your results will be.

      museum +"natural history" dinosaur -Chicago

Useful downloads: Adobe Acrobat   QuickTime   Windows Media Player   Real Player

THIS PAGE BLANK (USPTO)

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE   ◆IEEE

Membership Publications/Services Standards Conferences Careers/Jobs

IEEE *Xplore*
RELEASE 1.8

Welcome
United States Patent and Trademark Office

Help   FAQ   Terms   IEEE Peer Review | Quick Links ▾ | » Se:

Welcome to IEEE Xplore
○ Home
○ What Can
   I Access?
○ Log-out

Tables of Contents
○ Journals
   & Magazines
○ Conference
   Proceedings
○ Standards

Search
○ By Author
○ Basic
○ Advanced
○ CrossRef

Member Services
○ Join IEEE
○ Establish IEEE
   Web Account
○ Access the
   IEEE Member
   Digital Library

IEEE Enterprise
○ Access the
   IEEE Enterprise
   File Cabinet

Your search matched **0** of **1108362** documents.
A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

Refine This Search:
You may refine your search by editing the current search expression or enteri
new one in the text box.

| relationship algebra | [Search]

☐ Check to search within this result set

Results Key:
JNL = Journal or Magazine   **CNF** = Conference   **STD** = Standard

Results:
No documents matched your query.

🖨 Print Format

Home | Log-out | Journals | Conference Proceedings | Standards | Search by Author | Basic Search | Advanced Search | Join IEEE | Web Account |
New this week | OPAC Linking Information | Your Feedback | Technical Support | Email Alerting | No Robots Please | Release Notes | IEEE Online
Publications | Help | FAQ| Terms | Back to Top

◆IEEE

Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore
RELEASE 1.8

Welcome
United States Patent and Trademark Office

» Se:

Help   FAQ   Terms   IEEE Peer Review   **Quick Links**   ▼

Welcome to IEEE Xplore

○ Home
○ What Can
  I Access?
○ Log-out

Tables of Contents

○ Journals
  & Magazines
○ Conference
  Proceedings
○ Standards

Search

○ By Author
○ Basic
○ Advanced
○ CrossRef

Member Services

○ Join IEEE
○ Establish IEEE
  Web Account
○ Access the
  IEEE Member
  Digital Library

IEEE Enterprise

○ Access the
  IEEE Enterprise
  File Cabinet

Your search matched **0** of **1108362** documents.
A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

Refine This Search:
You may refine your search by editing the current search expression or enteri
new one in the text box.

| model<and>statistic<and>relationship algebra | **Search**

☐ Check to search within this result set

Results Key:
JNL = Journal or Magazine   **CNF** = Conference   **STD** = Standard

Results:
No documents matched your query.

🖨 Print Format